



SciDAC 2007



Monday, June 25

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| 7:30 am | Working breakfast: participants to discuss their work for the day's meeting, session chairs to finalize introductions, and Boardroom & BOF signup | |
| 8:30 am | Welcome & Announcements - John Negele, MIT | |
| 8:50 am | Opening session Session Chair: John Negele, MIT | |
| SciDAC: 8:50 - 9:15 | The Next Generation | Michael Strayer, DOE SciDAC Director |
| Keynote: 9:15 - 10:00 | Cyberinfrastructure for Scientific Discovery | Tony Chan, NSF |
| 10:00 am | Discussion Break: <i>(light refreshments)</i> | |
| 10:30 am | Technical session: Three 25-minute invited talks Session Chair: Rick Stevens, ANL | |
| Life Sciences: 10:30 - 11:00 | Reconstruction and Modeling of the Transcriptional Regulatory Network in E. Coli | Bernhard Palsson UCSD |
| Life Sciences: 11:00 - 11:30 | Reverse engineering the bacterial cell's control system | Harley McAdams Stanford Medical |
| Climate: 11:30 - 12:00 | Recent transformational changes in climate research: the intersection of science, computational science, and information technology | Dave Bader LLNL |
| Noon | Working Lunch: BOFs <i>(discussion topics assigned to individual tables)</i> | |
| 1:30 pm | Technical session: Three 25-minute invited talks Session Chair: Patrick Worley, ORNL | |
| Computer Science: 1:30 - 2:00 | The New Landscape of Parallel Computing Architecture | John Shalf LBNL |
| Computer Science: 2:00 - 2:30 | A Compiler-Based Strategy for Performance Tuning of Scientific Applications | Mary Hall USC/ISI |
| Accelerators: 2:30 - 3:00 | Community Petascale Project for Accelerator Science and Simulation | John Cary TechX |
| 3:00 pm | Discussion Break: <i>(light refreshments)</i> | |
| 3:30 pm | Technical session: Two 25-minute invited talks and one 40-minute featured talk Session Chair: Ian Foster, ANL | |
| Computer Science: 3:30 - 4:00 | Understanding Failures in Petascale Computers | Garth Gibson CMU |
| Sci. Visualization: 4:00 - 4:30 | In-Situ Visualization for Ultrascale Simulations | Kwan-Liu Ma UC-Davis |
| Japanese HPC: 4:30 - 5:15 | High Performance Computing beyond Peta Scale in Japan | Toichi Sakata Riken |
| 5:30 pm | Free Time: Enjoy Boston! | |
| 7:30 pm | Special Session: "Right Brain Night" aka "SciDARK" -- a social event Session Chair: David Keyes, Columbia | |
| 9:00 pm | Adjourn for the day | |